

04772 U.S. PTO  
08/04/03

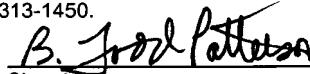
PATENT  
Atty. Dkt. AMAT/5975.P1/CPI/COPPER/BG

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 CFR 1.10

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on **AUGUST 4, 2003** with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing label No. **EV351031212US** addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**AUGUST 4, 2003**  
Date   
Signature

17507 U.S. PTO  
10/634662  
08/04/03

Re:Inventor(s): **MEI CHANG, NIRMALYA MAITY AND SESHADRI GANGULI**  
Title: **RUTHENIUM LAYER FORMATION FOR COPPER FILM DEPOSITION**

Transmitted herewith is the patent application identified above, including:

CIP Specification, claims and abstract 35 Total Pages  
 Drawings  Formal  Informal 5 Total Pages  
 Executed Declaration and Power of Attorney  
 Information Disclosure Statement with List  
 Assignment of the Invention to **Applied Materials, Inc.**.  
 Assignment Recordation Cover Sheet

**FEE CALCULATION**

	NUMBER OF CLAIMS FILED	LESS NUMBER PAID BY BASIC FEE	NUMBER OF EXTRA CLAIMS (Not less than zero)	LARGE ENTITY FEE
Basic Fee				\$750.00
Total Claims	52	- 20 = 32	X \$18 =	\$576.00
Independent Claims	4	- 3 = 1	X \$84 =	\$84.00
First Presentation of Multiple Dependent Claims		+ \$0.00		-0-
Total Filing Fee Calculation				\$1,410.00

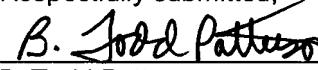
The Commissioner is hereby authorized to charge \$ to Deposit Account No. **A**  
**duplicate copy of this transmittal is enclosed.**

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **A** **A duplicate copy of this transmittal is enclosed.**

Please address all future correspondence to:  Please direct all telephone calls to:

**PATENT COUNSEL**  
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 Legal Affairs Department  
 P.O. Box 450A  
 Santa Clara, CA 95052

Respectfully submitted,

  
 B. Todd Patterson

Registration No. 37,906